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**REVISED EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY
FORMS**

10/28/94

DOE-0119-95
DOE-FN OEPA
15
LETTER



Department of Energy
Fernald Environmental Management Project
 P.O. Box 398705
 Cincinnati, Ohio 45239-8705
 (513) 738-6357

OCT 23 1994

DOE-0119-95

Mr. Jeff Beattie
 State Emergency Response Commission
 c/o Ohio EPA
 P.O. Box 1049
 Columbus, OH 43266-0149
 Attn: R-T-K

Dear Mr. Beattie:

REVISED EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY FORMS

The Emergency Planning and Community Right-to-Know Report (SARA Title III, Section 312 Report) for the Fernald Environmental Management Project (FEMP) was submitted to you on February 24, 1994. Although the preparation of the report was done with a good faith effort, it was recently revealed through our Safe Shutdown operation that some chemicals were not included in the SARA report. Two of these chemicals are new to the SARA report while two others had already been included, but have been found at additional locations.

Attached are supplemental pages of the Emergency and Hazardous Chemical Inventory Forms for the reporting date of March 1, 1994. Please add these after the last entry (urea) for the above year. In addition, two revised lists of all the chemicals included in the report are enclosed. Please replace the previously submitted lists with the revised ones. Revised maps are also enclosed. Please update the maps for the report by replacing map pages M7, M15, M20, and M32 with the enclosed.

As instructed by Susan Netzly of the Ohio EPA, enclosed is a \$20.00 check for the fee for adding the two chemicals.

If you have any questions, please contact Ed Skintik at (513) 648-3151.

Sincerely,

Walter J. Quaider
 W. J. Quaider
 Acting Associate Director
 Office of Safety & Assessment

FN:Skintik

Enclosure: As Stated

cc w/enc:

E. J. Ogilvie, FERMC0

FERNALD ENVIRONMENTAL RESTORATION MGMT. CORP.

P.O. Box 398704
Cincinnati, Ohio 45239-8704

CHECK
NUMBER 060199

60-162
433 6359

PAYABLE THROUGH
PITTSBURGH NATIONAL
BANK
JEANETTE, PENNSYLVANIA
IN COOPERATION WITH
WELLS FARGO BANK, N.A.
#759-008005

DATE 10/14/94

PAY EXACTLY
TO THE ORDER OF

*****20DOLLARS AND 00CENTS

*****20. 00

VOID 90 DAYS FROM DATE

TREASURER, STATE OF OHIO
GENERAL ACCOUNTING, OHIO EPA
P.O. BOX 1049
COLUMBUS, OH 43266-0149

FERNALD ENVIRONMENTAL RESTORATION MGMT. CORP.
GENERAL ACCOUNT

Donal O'Leary
J. S. Vee

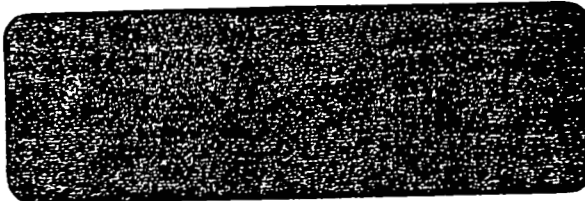
⑈60199⑈ ⑈043301627⑈

⑈10688515⑈

INVOICE DATE	REFERENCE/INVOICE NO.	AMOUNT OF INVOICE	DEDUCTION	AMOUNT
10/13/94	101394	20. 00		20. 00

VENDOR NO. V940430

THE ACCOMPANYING CHECK IS IN
SETTLEMENT OF THE ITEMS STATED
ABOVE IF NOT CORRECT PLEASE
RETURN AT ONCE



060199

FERNALD ENVIRONMENTAL RESTORATION MGMT. CORP.
P.O. Box 398704, Cincinnati, Ohio 45239-8704

CONT-1091 (9/25/92)

LIST OF CHEMICALS REPORTED ON
SARA TITLE III, 312 REPORT FOR 1993
(REVISED 10/94)

CHEMICAL NAME	CAS #	EHS TPQ (POUNDS)
ALUMINUM SULFATE	10043-01-3	
ARGON	7440-37-1	
BARIUM CARBONATE	513-77-9	
BENTOGROUT		
BLASTING GRIT (BLACK BEAUTY)		
CALCIUM HYDROXIDE	1305-62-0	
CALCIUM OXIDE	1305-78-8	
CHLORINE	7782-50-5	100
COAL		
DIATOMACEOUS EARTH	61790-53-2	
DIATOMACEOUS EARTH	68855-54-9	
DIESEL FUEL #2	68476-34-6	
FERROUS SULFAMATE	14017-39-1	
HYDRATED ALUMINA	21645-51-2	
HYDROGEN FLUORIDE	7664-39-3	100
LITHIUM CARBONATE	544-13-2	
MAGNESIUM OXIDE	1309-48-4	
METHANOL	67-56-1	
NITRIC ACID	7697-37-2	500
NITROGEN	7727-37-9	
NU-SAL (HEAT TREATMENT SALT)		
PHOSPHORIC ACID	7664-38-2	
PHOSPHORUS PENTOXIDE	1314-56-3	10
POTASSIUM CARBONATE	584-08-7	
PROPANE	74-98-6	
SODIUM CARBONATE	497-19-8	
SODIUM HYDROXIDE	1310-73-2	
SODIUM SULFIDE	1313-82-2	
SULFURIC ACID	7664-93-9	500
TBP/KEROSENE		
THORIUM	7440-29-1	
THORIUM DIOXIDE	1314-20-1	
UNLEADED GASOLINE (GASOHOL)	86290-81-5	
URIANIUM METAL	7440-61-1	
URIANIUM DIOXIDE	1344-57-6	
URIANIUM OCTAOXIDE	1317-99-3	
URIANIUM TETRAFLUORIDE	10049-14-6	
URIANIUM TRIOXIDE	1334-58-7	
UREA	57-13-6	

EHS = EXTREMELY HAZARDOUS SUBSTANCE
TBP = TRI-N-BUTYL PHOSPHATE
TPQ = THRESHOLD PLANNING QUANTITY

THE REPORTABLE QUANTITY FOR ALL NON-EHS CHEMICALS IS 10,000 POUNDS

TANKS, RAILCAR, AND OUTSIDE STORAGE AREAS
IN THE 1993 SARA 312 REPORT
(REVISED 10/94)

SPECIFIC CHEMICAL NAME	FEMP # OR LOCATION	SARA MAP #	PAGE #
Argon (Liquid)	West of B-15A	T23	M25
Barium Carbonate	Trailers North of B-12A	A16	M24
Bentogrout	East of K-65 Silos	A18	M27
Blasting Grit	West of B-08A	A11	M16
Blasting Grit	Trailers North of B-12A	A16	M24
Calcium Oxide	Railcar South of B-61	A10	M33
Coal	Coal Pile East of B-10A	A22	M20
Diesel Fuel #2	Inside B-26A	C01a	M28
Diesel Fuel #2	Inside B-26A	C02b	M28
Diesel Fuel #2	Inside B-26A	C03c	M28
Diesel Fuel #2	Inside B-26A	C04d	M28
Diesel Fuel #2	Northwest of B-12A	T01	M24
Diesel Fuel #2	By B-20G	T02	M32
Diesel Fuel #2	South of B-46	T03	M31
Diesel Fuel #2	Southwest of B-46	T04	M31
Diesel Fuel #2	Northwest of B-14	T05	M22
Diesel Fuel #2	North of B-53A	T06	M22
Diesel Fuel #2	Northeast of B-31	T07	M30
Ferrous Sulfamate	East of B-02A	A02	M4
Hydrated Alumina	East of B-02A	A02	M4
Hydrogen Fluoride	North of B-13A	A13	M32
Magnesium Oxide	North of B-03A	A12	M6
Methanol	West of B-305	A14	M44
Methanol	Southeast of B-18A	T09	M27
Nitric Acid	South of B-02A in F1-23	T10	M4
Nitrogen	Inside Substation Fence	A19	M15
Nitrogen (Liquid)	West of B-15A	T24	M25

SPECIFIC CHEMICAL NAME	FEMP # OR LOCATION	SARA MAP #	PAGE #
Nitrogen (Liquid)	West of B-53B	T25	M22
NU-SAL (Heat Treating Salt)	Trailers North of B-12A	A16	M24
Potassium Carbonate	Trailers North of B-12A	A16	M24
Propane	North of B-38A	T16	M20
Propane	East of B-519	A17	M28
Propane Cylinder Storage	Northeast of B-04A	A03	M8
Propane Cylinder Storage	Northwest of B-TS6	A04	M3
Propane Cylinder Storage	Northwest of B-30A	A05	M29
Propane Cylinder Storage	South of B-03E	A06	M7
Propane Cylinder Storage	South of B-05A	A07	M13
Propane Cylinder Storage	Northeast of B-69	A08	M37
Propane Cylinder Storage	Northwest of B-82	A09	M43
Sodium Carbonate	East of B-02A	A02	M4
Sodium Carbonate	North of B-03A	A12	M6
Sodium Carbonate	Trailers North of B-12A	A16	M24
Sodium Hydroxide	West of B-305	A14	M44
Sodium Hydroxide	Second Floor of B-08A	C06f	M17
Sodium Hydroxide	Fifth Floor of B-02A	C07g	M5
Sodium Hydroxide	Northeast of B-08A	T11	M16
Sodium Hydroxide	Northeast of B-08A	T17	M16
Sulfuric Acid	First Floor of B-18D in D1-118	C05e	M7
Sulfuric Acid	South of B-20B in T20X-1000	T08	M20
TBP/Kerosene	North of B-02A in 5A	T18	M4
TBP/Kerosene	North of B-02A in 5B	T19	M4
TBP/Kerosene	North of B-02A in 17A	T20	M4
TBP/Kerosene	North of B-02A in 17B	T21	M4
TBP/Kerosene	North of B-02A in F1-512	T22	M4

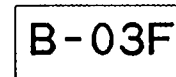
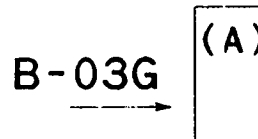
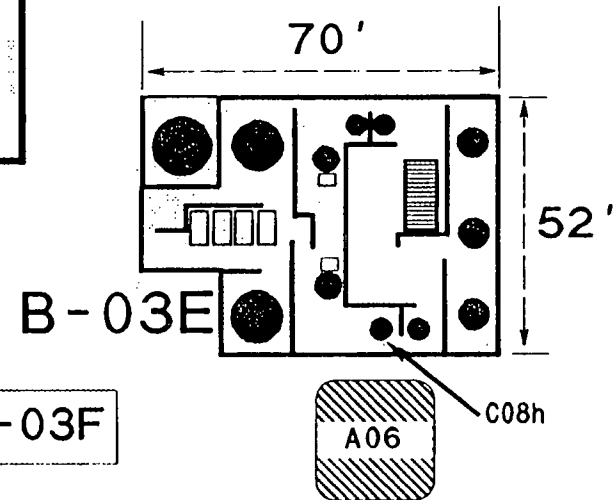
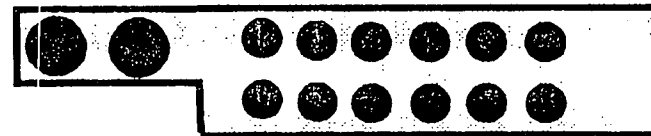
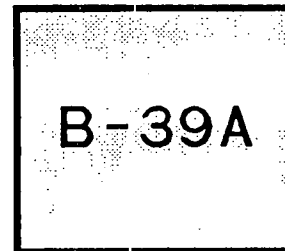
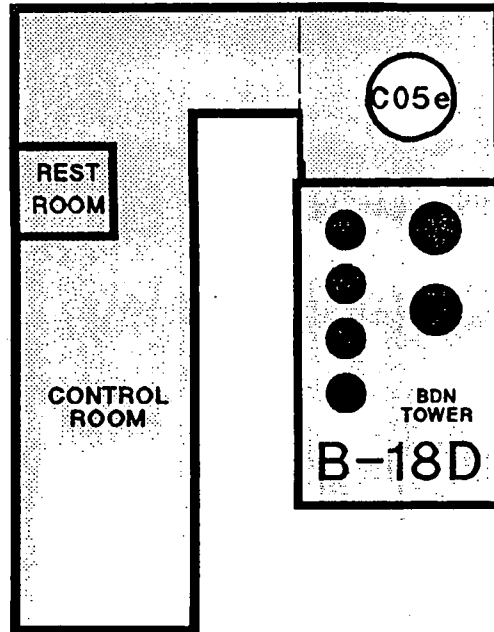
TBP = Tri-n-butyl phosphate

SPECIFIC CHEMICAL NAME	FEMP # OR LOCATION	SARA MAP #	PAGE #
Unleaded Gasoline (Gasohol)	West of B-305	A14	M44
Unleaded Gasoline (Gasohol)	North of B-TS6	T12	M3
Unleaded Gasoline (Gasohol)	South of B-46	T13	M31
Unleaded Gasoline (Gasohol)	South of B-46	T14	M31
Unleaded Gasoline (Gasohol)	South of B-46	T15	M31
Uranium	B-05A North Shelter	A21	M13
Uranium Octaoxide	West of B-08A	A11	M16
Uranium Octaoxide	B-05A North Shelter	A21	M13
Uranium Tetrafluoride	T-Hoppers North of B-04A and North and East of B-04B	A01	M8, M12
Uranium Tetrafluoride	West of B-08A	A11	M16
Uranium Tetrafluoride	T-Hoppers West of B-05A	A15	M15
Uranium Tetrafluoride	B-05A North Shelter	A21	M13
Uranium Trioxide	T-Hoppers North of B-04A and North and East of B-04B	A01	M8, M12
Uranium Trioxide	T-Hoppers West of B-05A	A15	M13
Uranium Trioxide	T-Hoppers Southwest of B-06	A20	M15
Uranium Trioxide	B-05A North Shelter	A21	M13
Urea	East of B-02A	A02	M4
Urea	Trailers North of B-12A	A16	M24

SARA 312 CHEMICAL STORAGE LOCATIONS



M7



FERNALD ENVIRONMENTAL
MANAGEMENT PROJECT
7400 WILLEY ROAD
FERNALD, OHIO 45030
GRID LOCATION B-3

SIGNATURE

Walter J. Prader

DATE

10 27 91

(SPPC - 180)

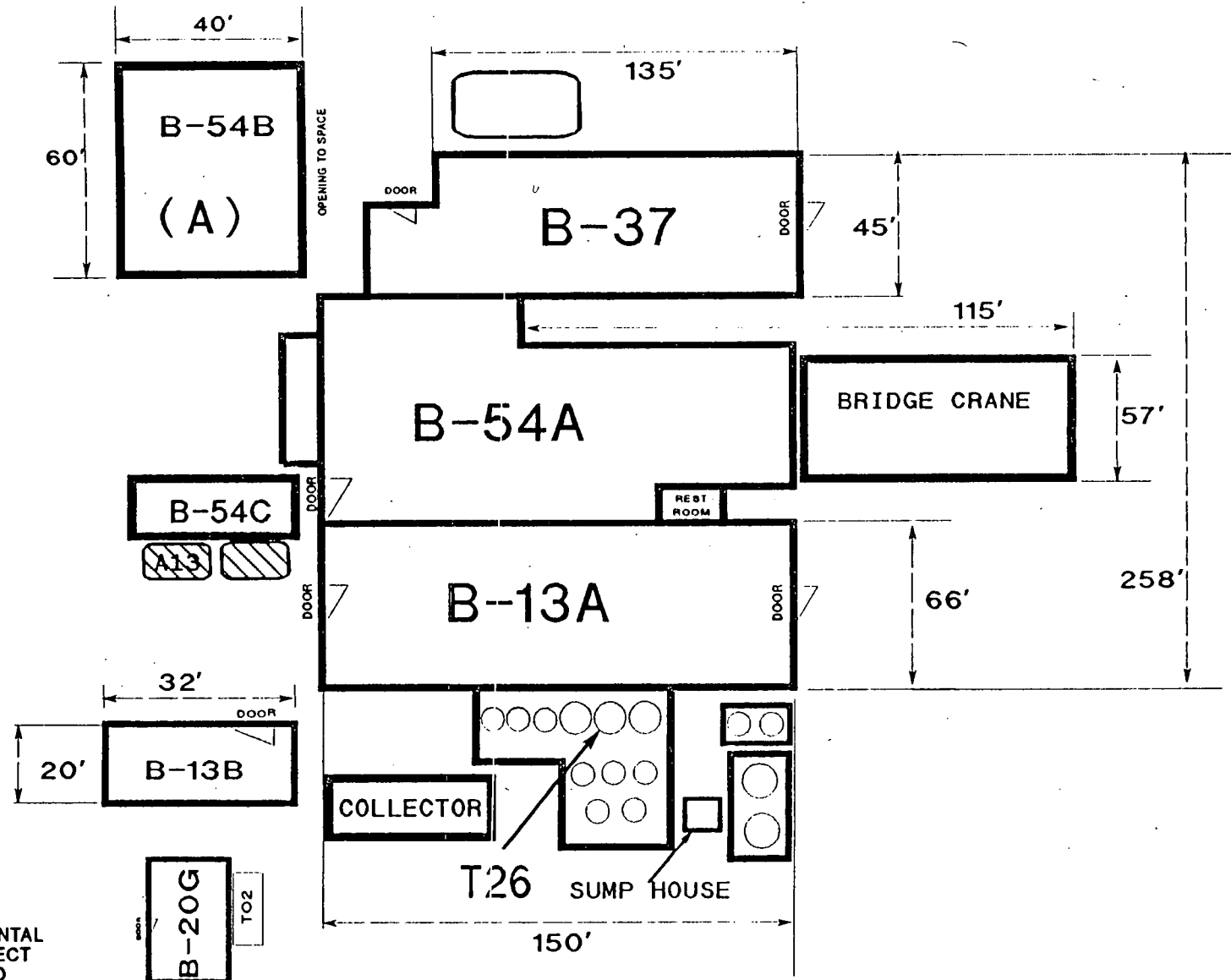
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SARA 312 - CHEMICAL STORAGE LOCATIONS



FIRST STREET

M32



FERNALD ENVIRONMENTAL
MANAGEMENT PROJECT
7400 WILLEY ROAD
FERNALD, OHIO 45030
GRID LOCATION A-3

SIGNATURE

Walter J. Prouder

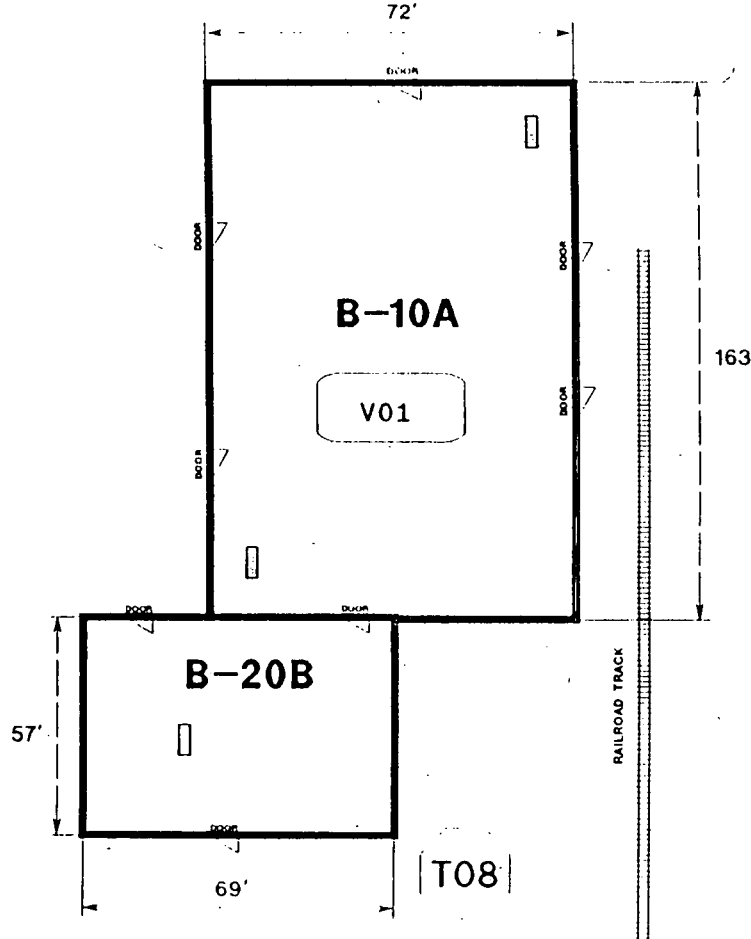
DATE

10-27-94

SARA 312 - CHEMICAL STORAGE LOCATIONS



M20



FERNALD ENVIRONMENTAL
MANAGEMENT PROJECT
7400 WILLEY ROAD
FERNALD, OHIO 45030
GRID LOCATION D-4
LEVEL ONE

NO SCALE

SIGNATURE:

Walter J. Pucider

DATE

10-27-94

SEP A-10411

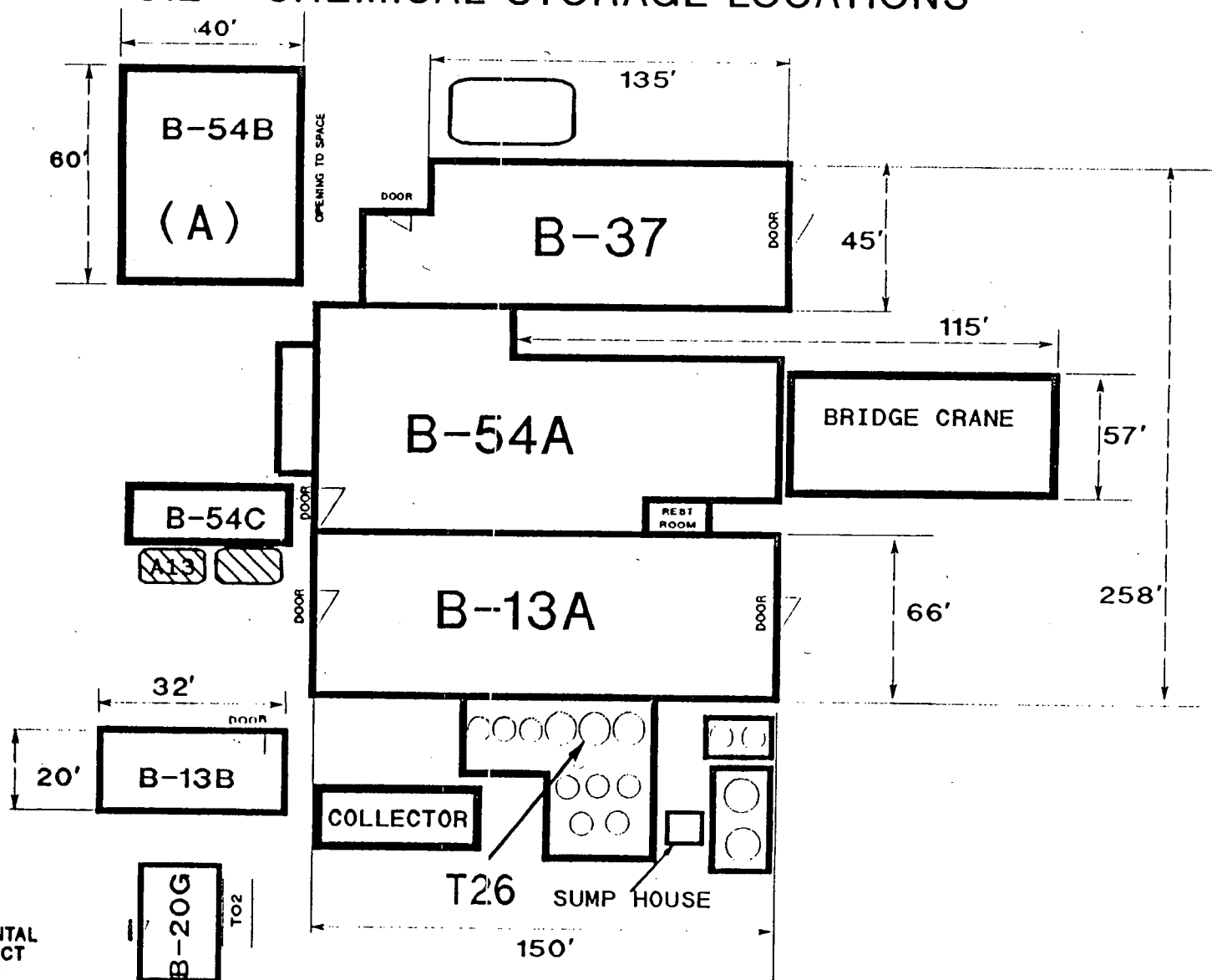
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SARA 312 - CHEMICAL STORAGE LOCATIONS



FIRST STREET

M32



FERNALD ENVIRONMENTAL
MANAGEMENT PROJECT
7400 WILLEY ROAD
FERNALD, OHIO 45030
GRID LOCATION A-3

SIGNATURE

Walter J. Quaiden

DATE

10-27-94

SEP 10 1994

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Emergency and Hazardous Chemical Inventory Form

Page ___ of ___ Pages

4.1 Facility Name FERNALD ENVIRONMENTAL MANAGEMENT PROJECT	City FERNALD	County HAMILTON
Exact Street Location (no Box #s) 7400 WILLEY ROAD	Zip Code 4 5 0 3 0	

4.2 For Filing Date: 03/01/94

4.4 ☒ Check if Revision

4.5 ☐ I Have Attached a Facility Map

4.3 ☐

Check here if form and FACILITY MAP
are Confidential and print
"CONFIDENTIAL FORM" here:

5.0 Chemical Description											Hazard Class					Location of Chemicals						Amount			
	CAS REGISTRY NO.	SPECIFIC CHEMICAL NAME	PURE	MIXTURE	COMPONENTS	ENV. CHEMICAL	SOLID	LIQUID	GAS	TRADE SECRET	ACUTE	CHRONIC	PHR	REACTIVE	RELEASE OF PRESSURE	B, T, OR A BUILDING, TANK OR AREA NO.	DIVISION OR ROOM LETTER	FLOOR	STORAGE TYPE CODE	PRESSURE & TEMPERATURE CONDITIONS	LOCATION: CONFIDENTIAL	MAXIMUM	AVERAGE	UNITS	NO OF DAYS ON SITE
1	7697-37-2	Nitric Acid	X			X		X			X	X	X			T-26			A	1, 4		03	03	C	365
2																									
3																									
4																									
5																									

CERTIFICATION (READ AND SIGN AFTER COMPLETING ALL SECTIONS)

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN PAGES ONE THROUGH ____, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THAT THE INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

Walter J. Quaider Assistant Manager, Technical Support
NAME AND OFFICIAL TITLE OF OWNER OR OWNERS AUTHORIZED REPRESENTATIVE

SIGNATURE

DATE SIGNED



Emergency and Hazardous Chemical Inventory Form

Page ___ of ___ Pages

4.1 Facility Name FERNALD ENVIRONMENTAL MANAGEMENT PROJECT	City FERNALD	County HAMILTON
Exact Street Location (no Box #s) 7400 WILLEY ROAD	Zip Code 415101310	

4.2 For Filing Date: **03/01/** ___

4.3 ☐ Check here if form and FACILITY MAP
are Confidential and print
"CONFIDENTIAL FORM" here: _____

4.4 ☒ Check if Revision

4.5 ☐ I Have Attached a Facility Map

5.0 Chemical Description										Hazard Class					Location of Chemicals							Amount			
	CAS REGISTRY NO.	SPECIFIC CHEMICAL NAME	PURE	MIXTURE	COMPONENTS	ENV. CHEMICAL	SOLID	LIQUID	GAS	TRADE SECRET	ACUTE	CHRONIC	FIRE	REACTIVE	RELEASE OF PRESSURE	B, T, OR A BUILDING, TANK OR AREA NO.	DIVISION OR ROOM LETTER	FLOOR	STORAGE TYPE CODE	PRESSURE & TEMPERATURE CONDITIONS	LOCATION- CONFIDENTIAL	MAXIMUM	AVERAGE	UNITS	NO. OF DAYS ON SITE
1		Coal		X			X					X	X			A22			R	1.4		07	07	C	365
2		Coal		X			X					X	X			B-10A		5	V01	1.4		05	05	C	365
3																									
4																									
5																									

CERTIFICATION (READ AND SIGN AFTER COMPLETING ALL SECTIONS)

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Walter J. Quaider, Assistant Manager, Technical Support

NAME AND OFFICIAL TITLE OF OWNER OR OWNERS AUTHORIZED REPRESENTATIVE

SIGNATURE

DATE SIGNED



Emergency and Hazardous Chemical Inventory Form

Page ___ of ___ Pages

4.1 Facility Name FERNALD ENVIRONMENTAL MANAGEMENT PROJECT	City FERNALD	County HAMILTON
Exact Street Location (no Box #s) 7400 WILLEY ROAD	Zip Code 4 5 0 3 0	

4.2 For Filing Date: **03/01/94**

4.3 ☐ Check here if form and FACILITY MAP
are Confidential and print
"CONFIDENTIAL FORM" here:

4.4 ☒ Check if Revision

4.5 ☐ I Have Attached a Facility Map

5.0 Chemical Description										Hazard Class					Location of Chemicals							Amount			
	CAS REGISTRY NO.	SPECIFIC CHEMICAL NAME	PURE	MIXTURE	COMPONENTS	EMS CHEMICAL	SOLID	LIQUID	GAS	TRADE SECRET	ACUTE	CHRONIC	PRE	REACTIVE	RELEASE OF PRESSURE	B.T. OR A BUILDING, TANK OR AREA NO.	DIVISION OR ROOM LETTER	FLOOR	STORAGE TYPE CODE	PRESSURE & TEMPERATURE CONDITIONS	LOCATION- CONFIDENTIAL	MAXIMUM	AVERAGE	UNITS	NO OF DAYS ON SITE
1	1310-73-2	Sodium Hydroxide		X				X			X	X				B-03E		1	C-08h	1,4		03	03	C	365
2																									
3																									
4																									
5																									

CERTIFICATION (READ AND SIGN AFTER COMPLETING ALL SECTIONS)

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Walter J. Quaider Assistant Manager, Technical Support

NAME AND OFFICIAL TITLE OF OWNER OR OWNERS AUTHORIZED REPRESENTATIVE

SIGNATURE

DATE SIGNED



Emergency and Hazardous Chemical Inventory Form

Page ___ of ___ Pages

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Exact Street Location (no Box #s) 7400 WILLEY ROAD	Zip Code 4 5 0 3 0	

4.2 For Filing Date: 03/01/94

4.3 ☐ Check here if form and FACILITY MAP
are Confidential and print

4.4 ☒ Check if Revision

"CONFIDENTIAL FORM" here: _____

4.5 ☐ I Have Attached a Facility Map

5.0 Chemical Description										Hazard Class					Location of Chemicals							Amount			
	CAS REGISTRY NO.	SPECIFIC CHEMICAL NAME	PURE	MIXTURE	COMPONENTS	ENV. CHEMICAL	SOLID	LIQUID	GAS	TRADE SECRET	ACUTE	CHRONIC	PRE	REACTIVE	RELEASE OF PRESSURE	B, T, OR A BUILDING, TANK OR AREA NO.	DIVISION OR ROOM LETTER	FLOOR	STORAGE TYPE CODE	PRESSURE & TEMPERATURE CONDITIONS	LOCATION- CONFIDENTIAL	MAXIMUM	AVERAGE	UNITS	NO OF DAYS ON SITE
1	1313-82-2	Sodium Sulfide	X				X				X					B-06	C	1	D	1,4		03	03	C	365
2	1313-82-2	Sodium Sulfide		X				X			X					B-06		1	C-09i	1,4		04	04	C	365
3																									
4																									
5																									

CERTIFICATION (READ AND SIGN AFTER COMPLETING ALL SECTIONS)

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Walter J. Quaider Assistant Manager, Technical Support

NAME AND OFFICIAL TITLE OF OWNER OR OWNERS AUTHORIZED REPRESENTATIVE

SIGNATURE

DATE SIGNED